

Buckeye Polymers BP FLEX D6020 U BLK Thermoplastic Polyolefin

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO)

Material Notes:

Product Information: TPO's are a family of thermoplastic elastomers which exhibit rubber-like properties and are processable on conventional thermoplastic equipment. Product Features: High tear resistance Good UV resistance Low density Wide service range from -20°C to 120°C Processing Method: Injection Molding Information Provided by Buckeye Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Buckeye-Polymers-BP-FLEX-D6020-U-BLK-Thermoplastic-Polyolefin.php

Physical Properties	Metric	English	Comments
Melt Flow	14 - 20 g/10 min	14 - 20 g/10 min	ASTM D1238
Ash	4.0 - 6.0 %	4.0 - 6.0 %	ASTM D5630

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	62 - 68	62 - 68	ASTM D2240
Tensile Strength, Yield	>= 16.0 MPa	>= 2320 psi	ASTM D638
Flexural Modulus	>= 0.6998 GPa	>= 101.5 ksi	ASTM D790
Izod Impact, Notched	>= 5.34 J/cm	>= 10.0 ft-lb/in	ASTM D256
Gardner Impact	>= 407 J	>= 300 ft-lb	ASTM D5420

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